

05/04/01
JC839 U.S. PTO

05-07-01

A

Practitioner's Docket No. 80113-0122 (D2382)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

JC979 U.S. PTO
09/849162
05/04/01

Transmitted herewith for filing is the patent application of
Inventor(s): **David E. Zeidler and Brian Carroll**

For (title): **FREQUENCY BOUNDED OSCILLATOR FOR VIDEO RECONSTRUCTION**

1. **Type of Application**

This new application is for a(n)

- ☒ Original (nonprovisional)
☐ Design
☐ Plant
☐ Divisional.
☐ Continuation.
☐ Continuation-in-part (C-I-P).

2. **Benefit of Prior U.S. Application(s)** (35 U.S.C. 119(e), 120, or 121)

☐ The new application being transmitted claims the benefit of prior U.S. application(s).
Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE
BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

CERTIFICATION UNDER 37 C.F.R. 1.10*

(Express Mail label number is **mandatory**.)

(Express Mail certification is **optional**.)

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the United States Postal Service on this date 5/4/01, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number **EL 781 401 867 US**, addressed to the: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Christy Taylor

(type or print name of person mailing paper)

Christy Taylor

Signature of person mailing paper

3. Papers Enclosed

A. Required for Filing Date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application

11 Pages of Specification

06 Pages of Claims

03 Sheets of Drawing

☒ Formal

☐ Informal

☐ The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. § 1.84(b).

B. Other Papers Enclosed

03 Pages of declaration and power of attorney

01 Pages of Abstract

 Other

4. Additional Papers Enclosed

☐ Amendment to claims

☐ Cancel in this applications claims _____ before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)

☐ Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)

☐ Preliminary Amendment

☐ Information Disclosure Statement (37 C.F.R. § 1.98)

☐ Form PTO-1449 (PTO/SB/08A and 08B)

☐ Citations

☐ Declaration of Biological Deposit

☐ Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.

☐ Authorization of Attorney(s) to Accept and Follow Instructions from Representative

☐ Special Comments

☒ Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i).

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5. **Declaration or Oath (including power of attorney)**

- ☒ Enclosed
Executed by
☒ inventor(s).
☐ legal representative of inventor(s). 37 C.F.R. § 1.42 or 1.43.
☐ joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
☐ This is the petition required by 37 C.F.R. § 1.47 and the statement required by 37 C.F.R. § 1.47 is also attached. See item 13 below for fee.
- ☐ Not Enclosed.
☐ Application is made by a person authorized under 37 C.F.R. 1.41(c) on behalf of *all* the above named inventor(s).
☐ Showing that the filing is authorized.
(not required unless called into question. 37 C.F.R. § 1.41(d))

6. **Inventorship Statement**

The inventorship for all the claims in this application are:

- ☐ The same.
- or
- ☐ Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,
☐ is submitted.
☐ will be submitted.

7. **Language**

- ☒ English
☐ Non-English
☐ The attached translation includes a statement that the translation is accurate. 37 C.F.R. § 1.52(d).

8. **Assignment**

- ☒ An assignment of the invention to
☒ is attached. A separate ☒ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or []
FORM PTO 1595 is also attached.
☐ will follow.

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9. **Certified Copy**

Certified copy(ies) of application(s)

country	appln. no.	filed
country	appln. no.	filed
country	appln. no.	filed

from which priority is claimed

- ☐ is (are) attached.
☐ will follow.

10. **Fee Calculation** (37 C.F.R. § 1.16)

A. ☒ Regular application

CLAIMS AS FILED			
Number Filed	Number Extra	Rate	Basic Fee 37 CFR 1.16(a)
			\$ 710.00
Total Claims (37 CFR 1.16(c))	25 - 20 = 05	X \$ 18.00	90.00
Independent Claims (37 CFR 1.16(b))	03 - 03 = 00	X \$ 80.00	0.00
Multiple dependent claims, if any, (37 CFR 1.16(d))		X \$ 135.00	

- ☐ Amendment canceling extra claims is enclosed.
☐ Amendment deleting multiple-dependencies is enclosed.
☐ Fee for extra claims is not being paid at this time.

Filing Fee Calculation \$ 800.00

B. ☐ Design application
(\$320.00—37 C.F.R. § 1.16(f))

Filing Fee Calculation \$ _____

C. ☐ Plant application
(\$490.00—37 C.F.R. § 1.16(g))

Filing Fee Calculation \$ _____

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11. Small Entity Statement(s)

- ☐ Statement(s) that this is a filing by a small entity under 37 C.F.R. §§ 1.9 and 1.27 is (are) attached.
- ☐ Status as a small entity was claimed in prior application _____, filed on _____ from which benefit is being claimed for this application under:
35 U.S.C. § ☐ 119(e),
☐ 120,
☐ 121,
☐ 365(c),
and which status as a small entity is still proper and desired.
☐ A copy of the statement in the prior application is included.

Filing Fee Calculation (50% of A, B or C above) \$ _____

12. Request for International-Type Search (37 C.F.R. § 1.104(d))

- ☐ Please prepare an international-type search report for this application at the time when national examination on the merits takes place.

13. Fee Payment Being Made at This Time

- ☐ Not Enclosed
☐ No filing fee is to be paid at this time.
(This and the surcharge required by 37 C.F.R. § 1.16(e) can be paid subsequently.)
- ☒ Enclosed
- | | |
|---|------------------|
| <input checked="" type="checkbox"/> Filing fee | \$ <u>800.00</u> |
| <input checked="" type="checkbox"/> Recording assignment (\$40.00; 37 C.F.R. § 1.21(h))
(See attached "COVER SHEET FOR
ASSIGNMENT ACCOMPANYING NEW
APPLICATION.") | \$ <u>40.00</u> |
| <input type="checkbox"/> Petition fee for filing by other than all the inventors
or person on behalf of the inventor where inventor
refused to sign or cannot be reached
(\$130.00; 37 C.F.R. §§ 1.47 and 1.17(i)) | \$ _____ |
| <input type="checkbox"/> For processing an application with a
specification in a non-English language
(\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k)) | \$ _____ |
| <input type="checkbox"/> Processing and retention fee
(\$130.00; 37 C.F.R. §§ 1.53(d) and 1.21(l)) | \$ _____ |
| <input type="checkbox"/> Fee for international-type search report
(\$40.00; 37 C.F.R. § 1.21(e)) | \$ _____ |
| Total Fees Enclosed | \$ <u>840.00</u> |

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14. **Method of Payment of Fees**

- ☐ Check in the amount of \$ _____.
- ☒ Charge Account No. **18-0013** in the amount of \$ **800.00**
A duplicate of this transmittal is attached.

15. **Authorization to Charge Additional Fees**

- ☒ The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. **18-0013**.
- ☒ 37 C.F.R. § 1.16(a), (f) or (g) (filing fees)
- ☒ 37 C.F.R. § 1.16(b), (c) and (d) (presentation of extra claims)
- ☒ 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- ☒ 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a).
- ☒ 37 C.F.R. § 1.17 (application processing fees)
- ☐ 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))

16. **Instructions as to Overpayment**

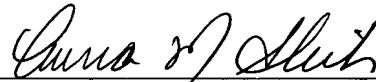
- ☒ Credit Account No. **18-0013**.
- ☐ Refund.

Date: 4 May 2001

Reg. No. 36,372

Tel. No.: (248) 594-0645

Customer No. 010291



SIGNATURE OF PRACTITIONER

Anna M. Shih
RADER, FISHMAN & GRAUER PLLC
39533 Woodward Avenue,
Suite 140
Bloomfield Hills, Michigan 48304

☒ **Incorporation by reference of added pages**

- ☐ Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed

Number of pages added _____

- ☒ Plus Added Pages for Papers Referred to in Item 4 Above

Number of pages added 01

- ☐ Plus added pages deleting names of inventor(s) named on prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application.

Number of pages added _____

- ☐ Plus "Assignment Cover Letter Accompanying New Application"

Number of pages added _____

☐ **Statement Where No Further Pages Added**

- ☐ This transmittal ends with this page.

R0112086.DOC

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Attorney Docket No. 80113-0119 (D2382)
Express Mail Label No. EL 781 401 867 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): **David E. Zeidler and Brian Carroll**

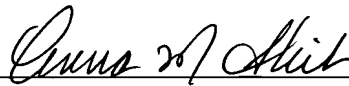
For (title): **FREQUENCY BOUNDED OSCILLATOR FOR VIDEO
RECONSTRUCTION**

**REQUEST AND CERTIFICATION UNDER
35 U.S.C. 122(b)(2)(B)(i)**

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Date:

4 May 2001


(Signature)

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**